

SEQUENCE LISTING

<110> APPLICANT: Samuel I. Achilefu  
Raghavan Rajagopalan  
Richard B. Dorshow  
Joseph E. Bugaj  
ASSIGNEE: Mallinckrodt Inc.

<120> TITLE: Versatile Hydrophilic Dyes

<130> DOCKET/FILE REFERENCE: MRD-67

<150> PRIOR APPLICATION NUMBER: 09/484,321

<151> FILING DATE: 2000-01-18

<160> NUMBER OF SEQUENCES: 8

<170> SOFTWARE: FastSEQ for Windows Version 3.0

<210> SEQ ID NO:1

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD\_RES

<222> (1)...(0)

<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond  
between two Cys amino acids

<225> Xcc = D-Trp

<400> SEQ ID NO:1

Xaa Xbb Tyr Xcc Lys Thr Xbb Thr  
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<210> SEQ ID NO:2

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between two Cys amino acids

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<210> SEQ ID NO:3  
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<221> MOD\_RES  
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<400> SEQ ID NO:3  
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<210> SEQ ID NO:4  
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<221> MOD\_RES  
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<400> SEQ ID NO:4  
Gly Asp Gly Gln Trp Ala Val Gly His Leu Met  
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<210> SEQ ID NO:5  
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<400> SEQ ID NO:5  
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<210> SEQ ID NO:6  
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<212> TYPE: PRT  
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<400> SEQ ID NO:6  
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<211> LENGTH: 8  
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<228> Xff = D-Asp

<400> SEQ ID NO:7  
Xff Tyr Nle Gly Trp Nle Asp Phe  
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<210> SEQ ID NO:8  
<211> LENGTH: 8  
<212> TYPE: PRT  
<213> ORGANISM:Synthetic

<229> Xgg = D-Lys

<400> SEQ ID NO:8  
Xgg Pro Arg Arg Pro Tyr Ile Leu  
1 5

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Xaa Xbb Tyr Xcc Lys Thr Xbb Thr  
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<223> Xaa = D-Phe

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 between two Cys amino acids

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<226> Xdd = Thr-OH

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<210> SEQ ID NO:3  
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1 5

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<211> LENGTH: 8  
<212> TYPE: PRT  
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<221> MOD\_RES  
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<228> Xff = D-Asp

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Xff Tyr Nle Gly Trp Nle Asp Phe  
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<400> SEQ ID NO:8  
Xgg Pro Arg Arg Pro Tyr Ile Leu  
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